

PAUL LOHR, GISP
GIS Professional



Paul began working for Johnson Engineering in November 2000 as an engineering technician and now serves as a senior Geographic Information Systems (GIS) analyst. He is a certified GIS Professional, with a large portion of his work effort being devoted to GIS specialization including analysis, map production, data setup and management, integration of GIS and GPS hardware/software and development of web-based GIS mapping applications. Paul assisted Johnson Engineering in obtaining the ArcGIS Online Specialty certification. Paul is knowledgeable in a variety of GIS and CAD applications, including: ArcGIS Desktop, Modelbuilder, ArcGIS Server, ArcGIS iPhone/Android apps and Autodesk Map. Paul administers the company's SQL Server-based GIS relational database. He is familiar with several scripting and programming languages such as Python, VBScript, Javascript, SQL and Visual Basic. Paul also prepares agency permit drawings, processes remotely sensed data such as aerial photographs, processes UAV (drone) photographs and works with land use information.

Licensing & Registration

Certified Geographic Information Systems (GIS) Professional (GISP)
CompTIA A+
CompTIA Network+

Education/Training

B.S. Computer Information Technology, Hodges University
Embry-Riddle Aeronautical University
Nova Southeastern University

Relevant Experience

- ↪ **SR 80 / US 27 Interchange** – Crested caracara mapping and existing land use / land cover mapping.
- ↪ **Big Cypress Mitigation Bank** – GIS field data management using disconnected mobile devices for exotics mapping, creation of final exotics maps.
- ↪ **McDaniels Ranch** – Caracara and other GIS-based listed species mapping, existing land use / land cover and proposed development mapping.
- ↪ **West Collier Basin Cumulative Impact Study (SW Hendry County area)** – Modification of GIS model inputs, adjustments to and running cumulative impact model, validate model outputs, numerous maps related to cumulative impacts.
- ↪ **Seminole Tribe of Florida** – Coordination of large scale field effort for existing land use / land cover mapping, area calculations and QA/QC.
- ↪ **Helms Road Extension, Hendry County** – Gopher tortoise permit drawings, GIS-based listed species analysis, Crested caracara mapping for the project, create and maintain ArcGIS Online-based field maps for species assessments, SFWMD and ACOE permit drawings.
- ↪ **Airport-Sears MSBU** – ongoing Crested caracara mapping, Protected Species Survey (PSS) drawings (tortoises, wading bird, Scrub jay and others), SFWMD and ACOE permit drawings, online field maps for mobile devices (iPhone / Android).
- ↪ **FFWCC Corbett / Hungryland Boardwalk** – Protected species survey permit drawings, Bonneted bat snag mapping, online field maps.
- ↪ **FFWCC Spirit of the Wild Office Replacement** – Existing land use / land cover mapping.
- ↪ **South Central Florida Express Citrus Rail** – Existing land use / land cover mapping, SFWMD and ACOE permit drawings.
- ↪ **Airglades to Clewiston Utilities Extension** – Existing land cover / land use mapping, listed species analysis using GIS, online field maps.
- ↪ **US Sugar Temporary Forward Pumps** (analysis spans Glades Hendy and Palm Beach Counties) – Snail kite habitat analysis, Lake Okeechobee history research and mapping.
- ↪ **C-43 West Storage Reservoir** – Crested caracara mapping, creation of online field maps.
- ↪ **Keri Road / Richard Roberts Farms** – Existing land cover / land use mapping,

SFWMD and ACOE permit drawings.

- ↪ Edison State College, Hendry County – Protected species survey permit drawings.
- ↪ Caloosahatchee / SR 29 Fiber-optic Aerial Crossing – Protected species survey permit drawings.
- ↪ Jack's Branch Mitigation Bank – Permit drawings and mitigation design.